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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	09/887,997	
	Filing Date	Jun 22, 2001	
	First Named Inventor	Quake, Stephen R.	
	Art Unit	1765	
	Examiner Name	Kunemund, Robert M.	
Total Number of Pages in This Submission	17	Attorney Docket Number	U149.110.US

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Gregory Lynn Heinkel Reg. No. 44,755		
	c/o Fluidigm Corporation, 7100 Shoreline Court, So. San Francisco, CA 94080 650.266.6036		
Signature			
Date	October 20, 2004		

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Typed or printed name	Gregory Heinkel		
Signature		Date	October 20, 2004

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Name: Greg Heinkel Signed: [Signature] Date: Oct 20, 2004

Appl. No. : 09/887,997 Confirmation No. 9055  
Applicant : Quake  
Filed : June 22, 2001  
TC/AU : 1765  
Examiner : Kunemund, Robert M.  
Docket No. : 20174C-004900US  
Customer No. : 20350

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

## AMENDMENT

Sir:

In response to the Office action of April 22, 2004, please amend the above-identified application as follows:

**Amendments to the Specification - None.**

**Amendments to the Claims** are reflected in the listing of claims which being on page 2 of this paper.

**Amendments to the Drawings - None.**

**Remarks/Arguments** begin on page 7 of this paper.

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